

**PATENT CLAIMS**

1. Arrangement of a multi-part intervertebral  
5 endoprosthesis (9), which has a top closure plate  
and bottom closure plate (91, 92) and, between  
these, a sliding core (93), each closure plate  
(91, 92) being assigned a pair of receiving  
10 openings (96, 97) or projections, and of an  
insertion instrument (1), which has a handgrip  
area (21, 31) and a gripping area (22, 32) with  
retention projections (51, 52) or openings which,  
in order to hold the intervertebral endoprosthesis  
15 (9) on the insertion instrument (1), can be  
engaged in the receiving openings (96, 97) or  
projections,

characterized in that

20 the receiving openings (96, 97) are arranged in  
lateral side faces of the intervertebral  
endoprosthesis (9), and at least the pair of  
receiving openings (96) assigned to one of the  
closure plates (92) has a shape extended in the  
25 direction toward the other closure plate (91).

2. Arrangement according to Claim 1,

characterized in that

30 the receiving opening (96) with an extended shape  
is a slit.

3. Arrangement according to Claim 1 or 2,

35 characterized in that

the receiving opening (96) with an extended shape  
extends over the entire height of the assigned

closure plate (92).

4. Arrangement according to one of the preceding claims,

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characterized in that

the receiving opening (96') with an extended shape  
extends over part of the height of the sliding  
core (93).

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5. Arrangement according to one of the preceding claims,

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characterized in that

the receiving opening (96') with an extended shape  
extends over the entire height of the sliding core  
(93).

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6. Arrangement according to one of the preceding claims,

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characterized in that

the receiving opening (96) with an extended shape  
narrows with increasing depth.

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7. Arrangement according to one of the preceding claims,

characterized in that

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the receiving opening (97) assigned to the other  
closure plate (91) has a concentrated shape.

8. Arrangement according to Claim 7,

characterized in that

it is designed as a round bore.

9. Arrangement according to one of the preceding  
5 claims,

characterized in that

10 the retention projections are designed as small  
plates (52) and as pins (51).

10. Arrangement according to one of the preceding  
claims,

15 characterized in that

20 the receiving openings are arranged on the  
insertion instrument (1) and the retention  
projections are arranged on the intervertebral  
endoprosthesis (9).

11. Arrangement according to one of the preceding  
claims,

25 characterized in that

for the intervertebral endoprosthesis (9, 9'),  
different sizes are provided with sliding cores  
(93, 93') of different thicknesses.

- 30 12. Arrangement according to one of the preceding  
claims,

characterized in that

35 a block (61') with an abutment surface (62) for  
bearing on the intervertebral endoprosthesis (9)  
is provided on a gripping area, said block (61')  
being connected to a force-receiving part for

applying an insertion force to the intervertebral endoprosthesis (9).

13. Arrangement according to Claim 12,

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characterized in that

the block (61') is arranged rigidly on the gripping area (22).

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14. Arrangement according to Claim 13,

characterized in that

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the block (61') is secured by means of a through-screw (68).

15. Arrangement according to Claim 13,

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characterized in that

the block (61') is secured by means of a clamping screw (66).

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16. Arrangement according to one of Claims 12 to 15,

characterized in that

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a rod (71) with a handle (72) in the rear area of the handgrip part (21) is arranged on the block (61').

17. Arrangement according to Claim 16,

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characterized in that

the handle is designed as a strike head (76).

18. Arrangement according to one of Claims 13 to 17,

characterized in that

the block (61') is arranged on the jaw insert  
5 (53).